

## REMARKS

Reconsideration of the application is requested.

Claims 1-4, 9, 10-15, 17-19, 25-34, 40-41 and 43-44 have been amended.

Claims 7-9, 16, 22-24 and 37-39 have been presently or previously cancelled, without prejudice.

Thus, Claims 1-6, 10-15, 17-21, 25-36, and 40-44 remain pending in the application.

### Claims Objections

Claims 10, 11, 14, 15, and 25 were objected to for various informalities. Claims 10, 11, 14, 15, and 25 have been amended accordingly, overcoming the Examiner's objections.

### Claim Rejections – 35 U.S.C. § 102

Claims 1-4, 7, 10-11, 13-18, 21-22, 25-26, 28-33, 36-37, 40-41, and 43-44 have been rejected as being fully anticipated by U.S. Patent No. 6,178,432 to Cook under 35 U.S.C. § 102. Applicant respectfully disagrees with the Examiner analysis of Cook and the claims presented. Nonetheless, in the interest of expeditiously bringing prosecution on the merit to an end, Applicant has amended various claims as set forth above. All amendments are fully supported by the original disclosure, no new matter has been introduced.

With respect to claims 7, 16, 22, and 37, there rejections have been rendered moot by their cancellations.

With respect to the rejections against claims 1-4, 10-11, 13-15, 17-18, 21, 25-26, 28-33, 36, 40-41, and 43-44, each of independent claim 1, 10, 11, 17, 25, 26, 30, 40 and 41 has been amended to require in substance ***a plurality of display state definitions correspondingly defining a plurality of instantiations of a user interface of an application corresponding to a plurality of display states of the user interface.*** Thus, multiple display state definitions correspondingly defining multiple instantiations of the user interface corresponding to multiple display states of the user interface are required.

In responding the Applicant's argument, the Examiner noted that "*Cook teaches that the display states of the constituent parts, i.e. the "objects," may be grouped together with a first object, such that in response to user interaction upon the first object, the resulting display states*

*of all the objects can be efficiently determined ... This grouping of object states is considered a “display state definition”.*

Applicant respectfully disagrees with the Examiner’s analysis. Under Cook the only object which “state” can amount to the “display state of the user interface” (and not display state of a part of the user interface) is a root object to which all objects are subordinated. However, there could be only one such root object under which all other objects are subordinated. The state of any object under Cook that does not subordinate all other objects does not amount to the “display state of the user interface”. The state of such object is merely the display state of a portion of the user interface. Further, Cook’s technique is for all practical purpose broken if all objects are subordinated to a single root object, because Cook merely teaches of “on” and “off” display states. With all objects subordinated to a single root object, and only “on” and “off” display states are available, the user interface will either have content or go blank. Clearly that is not Cook’s teachings. Accordingly, Cook’s teachings of grouping of objects merely refer to partial group for portions of the user interface, and do not teach the required ***plurality of display state definitions correspondingly defining a plurality of instantiations of a user interface of an application corresponding to a plurality of display states of the user interface***. Therefore, for at least these reasons, independent claims 1, 10, 11, 17, 25, 26, 30, 40 and 41 are patentable over Cook.

Claims 2-4, 13-15, 18, 21, 28-29, 31-33, 36, and 43-44, depend on either claim 1, 10, 11, 17, 25, 26, 30, 40 or 41, incorporating their limitations, respectively. Accordingly, for at least the same reasons, claims 2-4, 13-15, 18, 21, 28-29, 31-33, 36, and 43-44 are patentable over Cook.

#### Claim Rejections – 35 U.S.C. § 103

Claims 5, 8, 9, 12, 19, 23, 24, 27, 34, 38, 39, and 42 have been rejected as being obvious over U.S. Patent No. 6,178,432 to Cook (hereinafter “Cook”) as well as U.S. Patent No. 6,222,537 to Smith (hereinafter “Smith”) under 35 U.S.C. § 103.

Rejections of Claims 8-9, 23-24 and 38-39 have been rendered moot by their cancellations.

Smith does not remedy the above discussed deficiency of Cook, accordingly, for at least the same reasons, claims 1, 10, 11, 17, 25, 26, 30, 40 or 41 are patentable over Cook even when combined with Smith.

Claims 5, 12, 19, 27, 34 and 42 depend on either claim 1, 10, 11, 17, 25, 26, 30, 40 or 41, incorporating their limitations, respectively. Accordingly, for at least the same reasons, claims 5, 12, 19, 27, 34 and 42 are patentable over Cook and Smith combined.


### Conclusion

In conclusion, Applicant respectfully submits claims 1-6, 10-15, 17-21, 25-36, and 40-44 are in condition of allowance. Early issuance of Notice of Allowance is respectfully requested.

The Commissioner is hereby authorized to charge any shortage of fees or credit over payments to the Deposit Account of Schwabe, Williamson and Wyatt, P.C., No. 50-0393.

Respectfully submitted,  
SCHWABE, WILLIAMSON & WYATT, P.C.

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